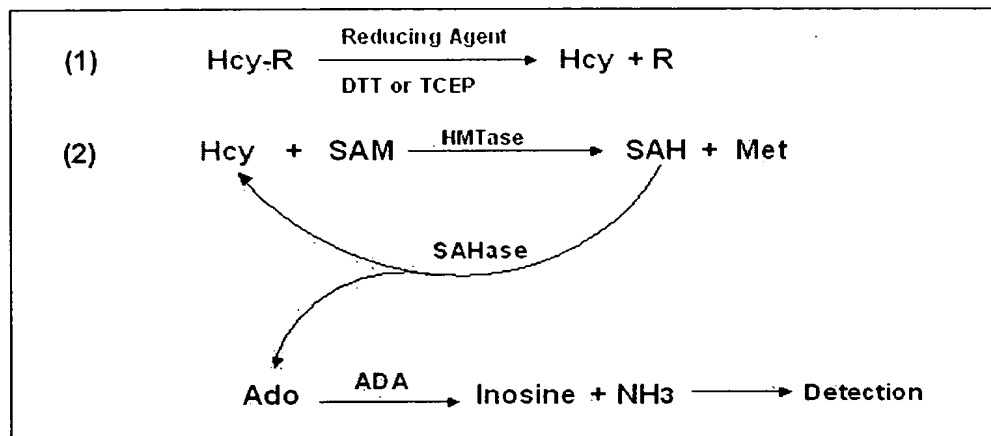


Figure 1. Co-Substrate Conversion Product Based Enzyme Cycling Assay of Homocysteine



Hcy-R : oxidized homocysteine, R: protein; Hcy, Cys or other thio compounds; Hcy: reduced homocysteine (*substrate*)

SAM: S-adenosyl-L-methionine (*co-substrate*); HMTase: Homocysteine-methionine methyltransferase

SAH: S-adenosyl-L-homocysteine (*co-substrate conversion product*);

SAHase: S-adenosyl-L-homocysteine hydrolase; ADA: Adenosine deaminase.

Fig 1

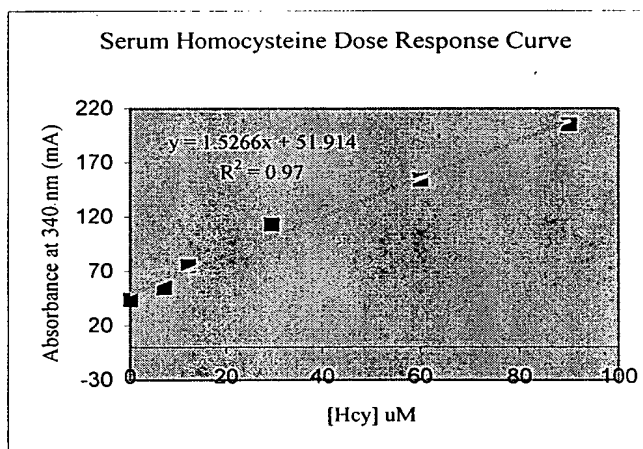


Fig. 2.